

County of San Diego	No. Draft
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STORMWATER MAINTENANCE PLAN	Approved by

DRAFT

1.0 PURPOSE:

To provide guidelines for preparation of a Stormwater Maintenance Plan (SMP) for any structural treatment BMPs associated with discretionary project.

2.0 BACKGROUND:

The effectiveness of the Stormwater Management Plan (SWMP) relies partially on maintenance of any Structural Treatment BMPs proposed for a project. The County Watershed Protection, Storm Water Management, and Discharge Control Ordinance obligates the project proponent to maintain all structural treatment BMPs that are part of their project. The Stormwater Maintenance Plan (SMP) describes the responsibilities for the care and upkeep of these Permanent Best Management Practices (BMPs). Improper or inadequate maintenance of this type of BMP could impact storm water and receiving water quality. The SMP is the component of the SWMP that describes:

- The program to maintain Permanent Structural Treatment BMPs, including responsible parties, frequency and type of maintenance, safety precautions, and reporting/record keeping.
- The program to implement maintenance of these BMPs may be included as part of other ongoing maintenance activities for the project.
- Maintenance activities must include information and responses concerning potential storm water pollution from accidental spills, illicit connections, illegal discharges and illegal dumping within the Structural Treatment BMPs.
- On-going funding for the proposed maintenance activities

Early consideration and planning of maintenance efforts ensures that water quality will be addressed for many years to come. Development of a SMP is required when submitting the Project Application if the proposed project includes Structural Treatment BMPs. In addition, the SMP must meet with County approval and is a living document which could require changes during project development.

A Structural Treatment BMP can be any engineered system designed and constructed to remove pollutants from urban runoff. Pollutant removal is achieved by simple gravity settling of particulate pollutants, filtration, biological uptake, media adsorption or any other physical, biological, or chemical process. Structural Treatment BMPs that must be maintained include:

- ☐ Biofilters (Grass swale, Grass strip, Wetland vegetation swale, or Bioretention)
- ☐ Detention Basins (Extended/dry detention basin with grass lining or impervious lining)
- ☐ Infiltration BMP (basin, trench)
- ☐ Wet Ponds and Wetlands (Permanent pool, Constructed wetland)
- ☐ Storm Drain Inserts, Oil/Water separator, Catch basin insert & screens.
- ☐ Filtration Systems (Media filtration, Sand filtration, Continuous Flow Deflection/ Separation System, Swirl or Cyclone Concentrator)

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3.0 POLICY:

The County shall require a SMP at time of initial application for all projects that include Structural Treatment BMPs. The SMP will contain all the minimum project components as identified in section 4.0 of this guideline. The SMP shall be prepared by the project proponents and comply with both the County Watershed Protection, Storm Water Management, and Discharge Control Ordinance and the Stormwater Standards Manual.

County staff in the departments of Public Works and Planning & Land Use shall review the SMP as part of the overall project application and for compliance with both the County Watershed Protection, Storm Water Management, and Discharge Control Ordinance and the Stormwater Standards Manual. Information from the SMP shall be used in formulating CEQA responses and findings, findings of project code compliance, and in proposing conditions for the project. The County has the final authority for deciding what is required in the SMP and when a proposed SMP is adequate.

4.0 GUIDELINE

4.1 Specific Information included in Stormwater Maintenance Plan

SMP shall include all of the following:

- ❑ Copy of Stormwater Management Plan (SWMP) for project that provides required information on proposed pollution prevention BMPs (Maximum Extent Practical).
- ❑ Information about each Post-construction Structural Treatment BMP, including design criteria, routine action, maintenance indicators, field measurement, measurement frequency, maintenance activity, and site-specific requirements
- ❑ Proposed methods of disposing of sediment and collected pollutants.
- ❑ Proposed provisions for monitoring of BMP and provisions for County compliance inspections.
- ❑ List of Indicator thresholds that will trigger maintenance activity.
- ❑ Maintenance Activities Checklist and provisions for distributing to responsible parties.
- ❑ Proposed mechanism for on-going funding of maintenance activities.

Specific format and guidelines are included as Attachment A. Above items may be shown on other application documents such as the tentative map, preliminary grading plan, or preliminary drainage study. If this is done, the SWMP document must identify where each of these component pieces can be found.

REFERENCE

- 1) Subdivision Ordinance section 81.303 "Grading Plan" and section 81.605 "Grading Plan"-
- 2) County Watershed Protection, Storm Water Management, and Discharge Control Ordinance
- 3) Stormwater Standards Manual

SUNSET

EFFECTIVE DATE: February 20, 2002

Attachment A

DRAFT

STORMWATER MAINTENANCE PLAN

Permit No.

One sentence regarding project description. Roadway project, use limits

**Prepared By
Prepares Name**

**For
Project Name**

Date (MM/DD/YYYY)

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